diskontcomputer.com
Firma Matzner Michael e.U.
Traunuferstrasse 110
4052 Ansfelden, Austria

AT-FS201	TWO-PORT SWITCH, 1 PORT 10/100Mbps UTP & 1 PORT 100BASE-FX ST
AT-FS202	TWO-PORT SWITCH, 1 PORT 10/100Mbps UTP & 1 PORT 100BASE-FX SC
AT-FS203	TWO PORT SWITCH, 10/100Mbps UTP

Technical Specifications

- Small physical size
- Standalone or rackmountable (using the AT-MCR12 chassis)
- Full-wire speed forwarding and filtering at 148,000pps for 100mbps and 14,800pps for 10mbps
- Over 8,000 MAC address table entries
- 280K packet buffer size per port
- MDI/MDIX crossover switch allowing the converter to connect to either a PC, or to a switch or hub
- Dramatically low latency
- Auto-negotiation TX ports
- Supports full and half-duplex operation
- Port and switch status LEDs
- Small external power adapter

- Free technical support

Allied Telesyn’s new AT-FS200 family of two-port switches cost-effectively interconnect segments of Ethernet and Fast Ethernet networks, while relieving network congestion. The fiber connectivity of these switches allows users to recreate their mixed media 10Mbps Ethernet network environment with a switched Fast Ethernet network, without the worries or network redesigns normally associated with network upgrades.

Fragen zu dem Produkt? Kein Problem - wir helfen Ihnen per eMail (info@diskontcomputer.com) gerne weiter!
Den aktuellen Preis und Lagerstand finden Sie online auf http://www.diskontcomputer.com/detail.php?item=433485

diskontcomputer.com
Firma Matzner Michael e.U.
Traunuferstrasse 110
4052 Ansfelden, Austria

Faced with ever increasing bandwidth demands and shrinking IT budgets, networking professionals are installing switched networks as part of their future proofing strategy. By simply adding a switch to a workgroup, managers can realize an immediate improvement in network performance without costly upgrades to the existing network infrastructure and adhering to all of the strict topology rules of Fast Ethernet.

All of the new small form factor switches can be used to provide a full-duplex link to any device, providing up to twice the bandwidth to transmit and receive simultaneously.

The AT-FS200 family performs at full-wire speed forwarding and filtering at 148,000pps for 100mbps and 14,800pps for 10mbps. The forwarding mode is store and forward. Each switch supports the auto-negotiation function. The AT-FS200 family allows manual configuration of the ports, ensuring interoperability with all of the existing networks, which may or may not support auto-negotiation.

The AT-FS201 and AT-FS202 deliver many benefits in installations which require mixed copper and fiber cabling. These switches provide a media conversion function as well as connect directly to any existing 10 or 100Mbps copper network, while providing a fiber backbone port. This networking function is increasingly necessary, as the maximum cable distance and repeater hop count for Fast Ethernet limits the useable size of a network.

The switches feature a MDI/MDIX crossover switch on the twisted pair ports allowing the unit to connect directly to either a PC, switch or hub. The AT-FS200 series utilizes seven status indicator LEDs located on the front of the unit. These LEDs provide network status for both the TX and FX ports.

The AT-FS200 family features plug-and-play installation and a compact chassis design enabling it to be used in a wide variety of networking environments. The AT-FS200 family is externally powered, allowing it to be used either as a stand-alone device or as part of a high-density installation using Allied Telesyn's flexible rackmount chassis (AT-MCR12) which features dual power supplies for system redundancy.

The AT-FS200 series employs the latest IC designs and surface mount technology to provide highly reliable, yet inexpensive solutions to network media conversion.

Technical Specifications

- Status Indicators
- Physical Switches
- Operational Characteristics
- Maximum Cable Distance
- Fiber-Optic Interface
- Physical Characteristics
- Power Characteristics
- Standards Compliance
- Ordering Information

Status Indicators

Quantity	Seven
Power (PWR)	Indicates power is applied to the switch

Fragen zu dem Produkt? Kein Problem - wir helfen Ihnen per eMail (info@diskontcomputer.com) gerne weiter!
Den aktuellen Preis und Lagerstand finden Sie online auf http://www.diskontcomputer.com/detail.php?item=433485

diskontcomputer.com
Firma Matzner Michael e.U.
Traunuferstrasse 110
4052 Ansfelden, Austria

Power (PWR)	Indicates power is applied to the switch
Link (LNK)	Indicates a valid receive link exists
Receive (RX)	Indicates valid data is being received by the switch
Transmit (TX)	Indicates packet transmission 1200 nm
Speed	Indicates the port is operating at 100Mbps
Duplex	Indicates the port is operating in full-duplex mode
Auto-negotiation	Indicates when port is auto-negotiating
Collision	Indicates collision during packet transmission on the port (half-duplex mode)

Physical Switches

Switches	Manual DIP switch feature or auto-negotiation and half/full-duplex on twisted pair port. Half/full duplex switch for the fiber port.

Operational Characteristics

MAC Address Table:	8,192 addresses
Forwarding and Filtering Rate:	148,880 pps for 100Mbps 14,880 pps for 10Mbps
Latency	14.3µs (64 byte packet, 100Mbps full duplex)

Maximum Cable Distance

10Base-T	100 meters
100Base-TX	100 meters
100Base-FX	2000 meters (full-duplex operation) 412 meters (half-duplex operation)

Fiber-Optic Interface

Optical	**Typical**	**Range**
Wavelength	1300nm	1200nm to 1300nm
Sensitivity	-34.5 dBm avg.	
Max. output power	-14dBm	
Transmitter:		
Output Power		
62.5/125 mM	-16.8 dBm	
100/140mM		
50/125mM	-20.3 dBm	
85/125mM		

Physical Characteristics

Dimensions	10.5 cm x 9.5 cm x 2.5 cm (4.13 in. x 3.75 in. x 1.0 in)

Fragen zu dem Produkt? Kein Problem - wir helfen Ihnen per eMail (info@diskontcomputer.com) gerne weiter!
Den aktuellen Preis und Lagerstand finden Sie online auf http://www.diskontcomputer.com/detail.php?item=433485

diskontcomputer.com
Firma Matzner Michael e.U.
Traunuferstrasse 110
4052 Ansfelden, Austria

	(4.12 in. x 3.75 in. x 1.0 in)
Weight	294 grams (0.65 lbs)
Temperature	
Operating	0º to 50º C
Storage	-20º to 80º C
Relative Humidity	5% to 80% non-condensing

Power Characteristics

Input Voltage (Auto Ranging)

External Power Supply

Input Supply Voltage	12 VDC+/-5%
Max Current	.5A
Power Consumption	6W

Standards Compliance

Functional Standards	IEEE 802.3 10Base-T IEEE 802.3u 100Base-TX
EMI/RFI	FCC Class A, EN55022 Class B, Industry Canada Class A
Safety	UL 1950, CSA 22.2 No. 950, TUV EN60950, EN60825 CE Compliant

Ordering Information

Part Number	**Description**
AT-FS201-X0	Switch, 1 Port 10/100Mbps and1 Port 100Base-FX ST
AT-FS202-X0	Switch, 1 Port 10/100Mbps and1 Port 100Base-FX SC
AT-FS203-X0	Switch, 2 Port 10/100Mbps twisted pair
Where X=	1 would be for 100-120v with US power adapter 3 would be for 200-240v with United Kingdom power adapter 5 would be for 200-240v with Continental Europe power adapter 9 would be for 100-120v with US power adapter (Federal)

Government Sales Information

Back to Main Product Page

Copyright © **1996-1999 Allied Telesyn International**
Last modified: May 21, 1999

Fragen zu dem Produkt? Kein Problem - wir helfen Ihnen per eMail (info@diskontcomputer.com) gerne weiter!
Den aktuellen Preis und Lagerstand finden Sie online auf http://www.diskontcomputer.com/detail.php?item=433485